

Fig. 1

Fig. 4

Fig. 3 TYPICAL LAYOUT & DIMENSION
FOR REFERENCE ONLY
FIGURE: 4.2

Fig. 2

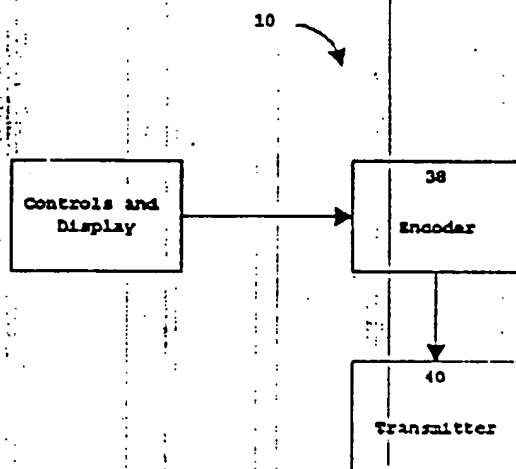


Fig. 5

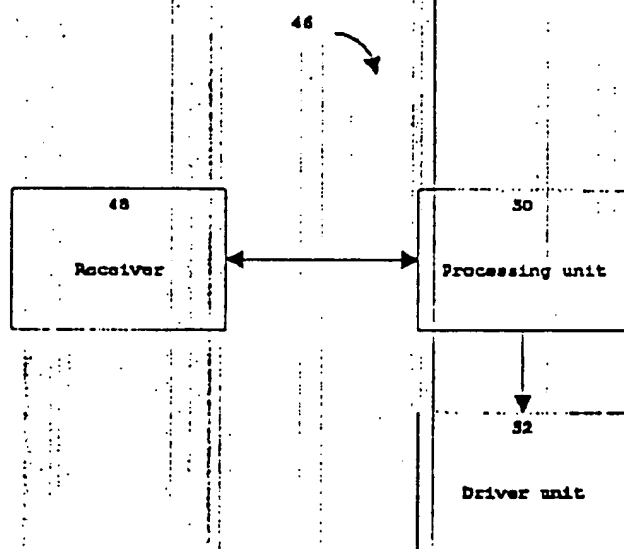


Fig. 7

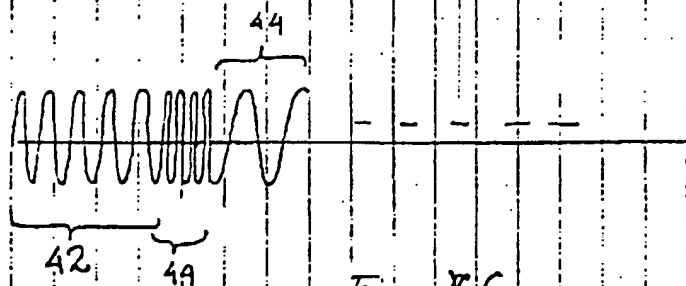


Fig. 86

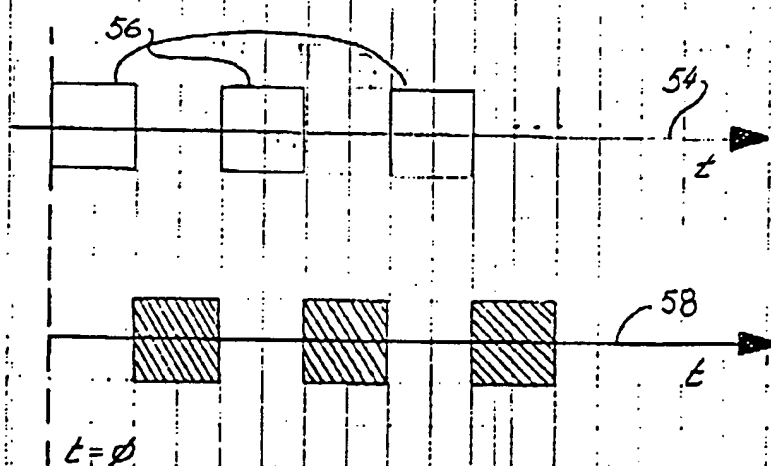
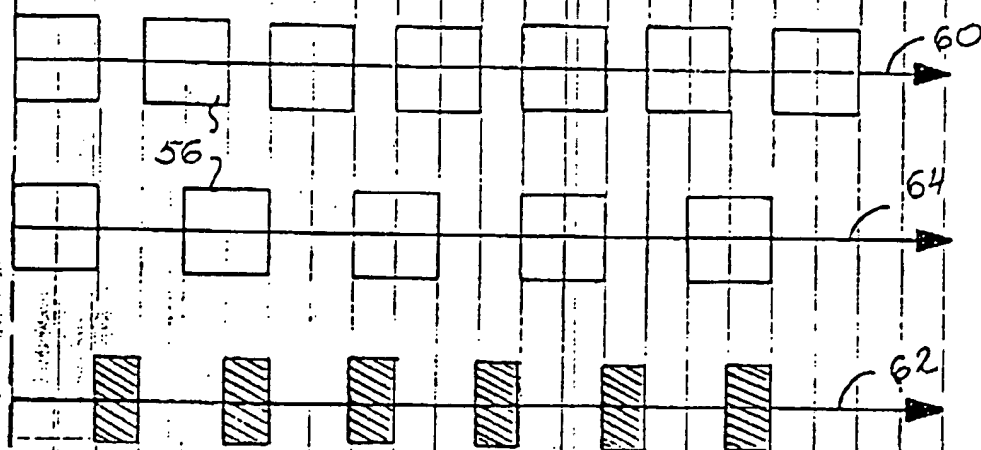


Fig. 8



$t = 0$

Fig. 89

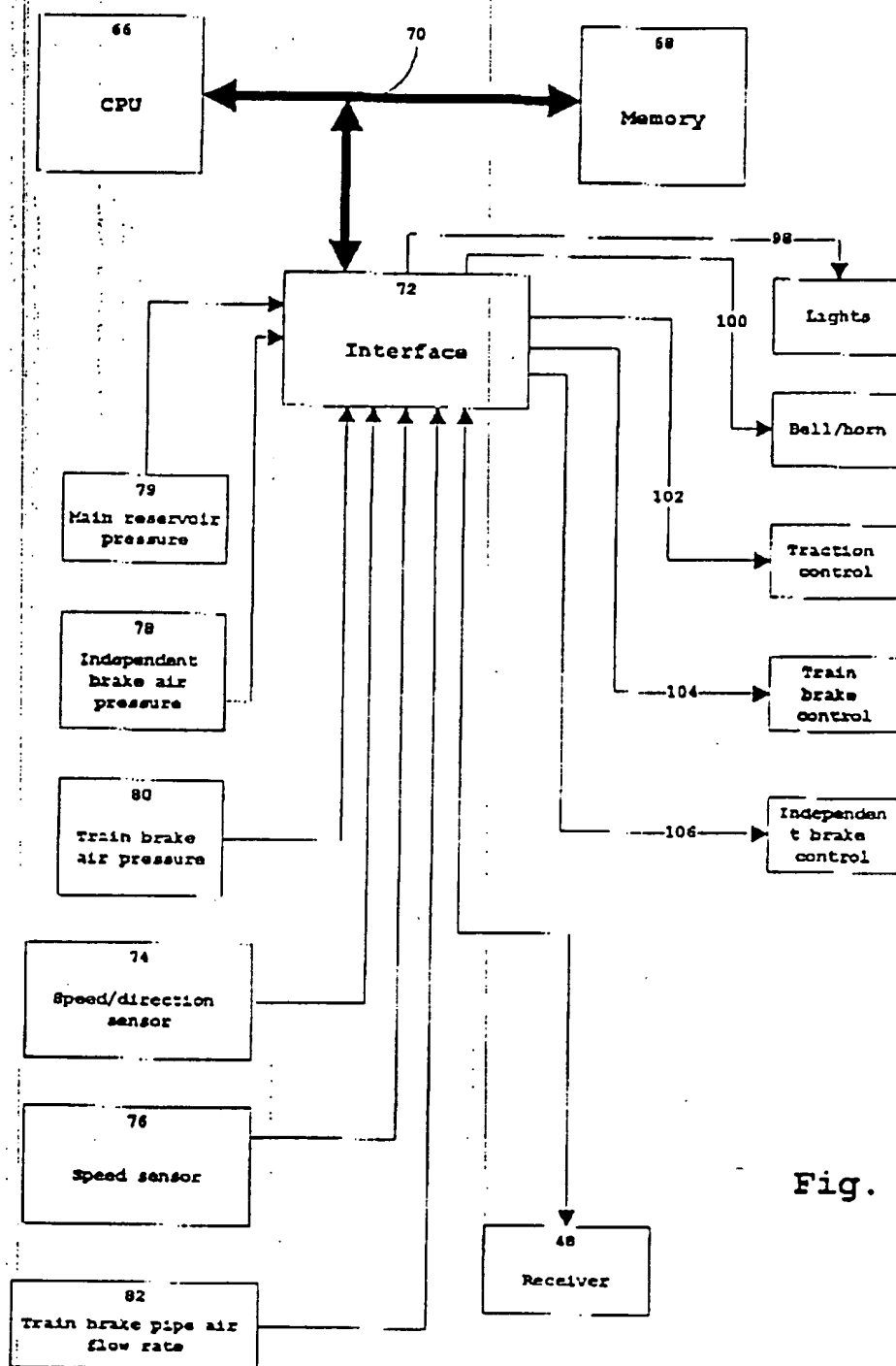


Fig. 10

FIG. 3

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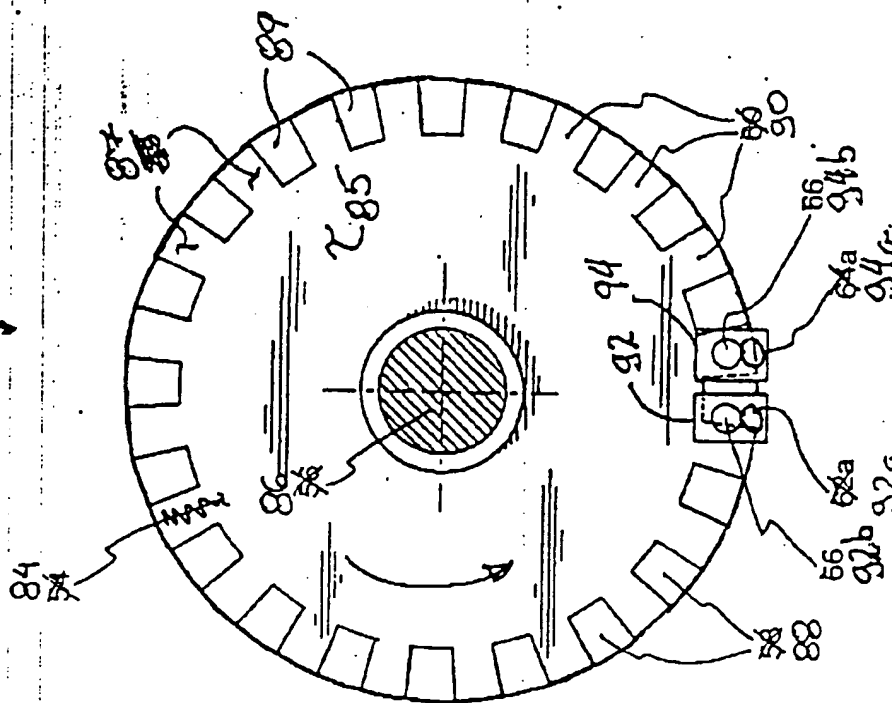


FIG. 11

74

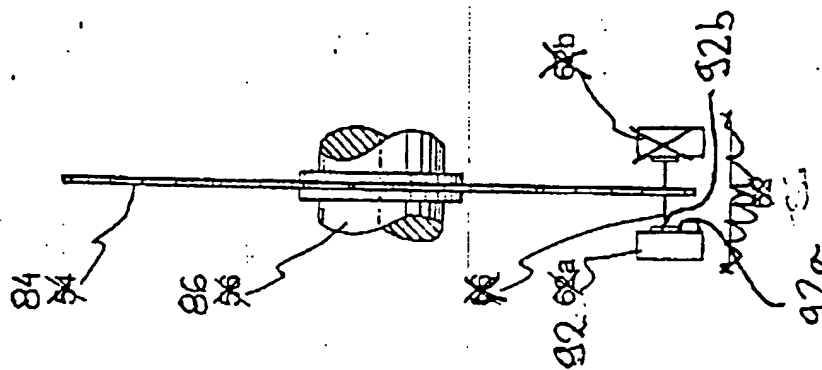


FIG. 12



Fig. 13

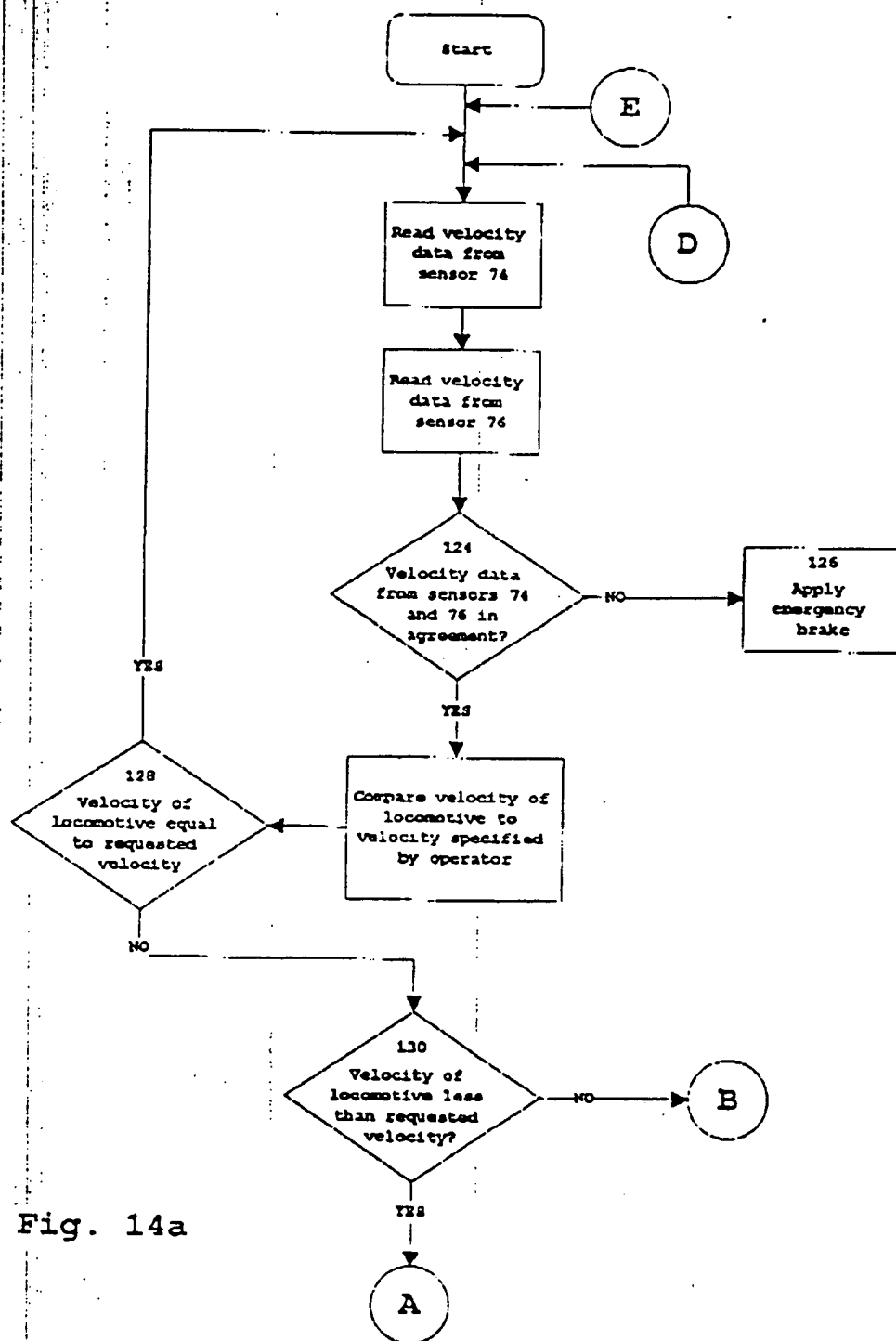


Fig. 14a

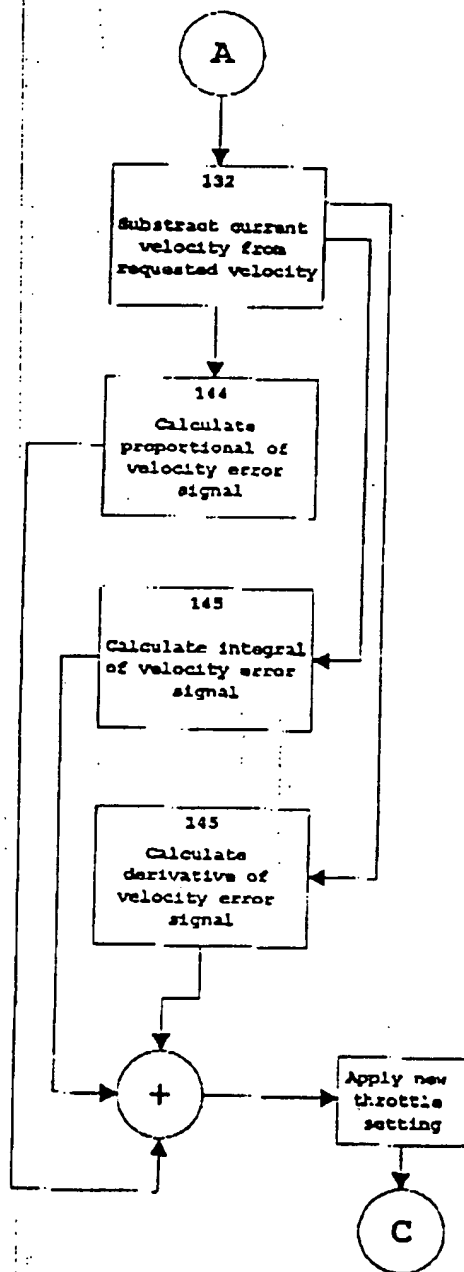


Fig. 14b

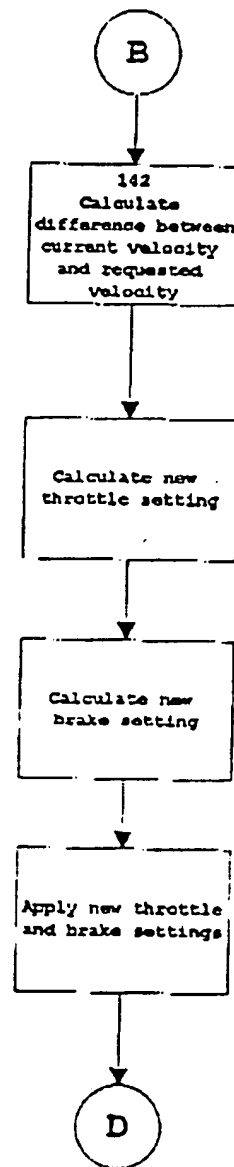


Fig. 14c

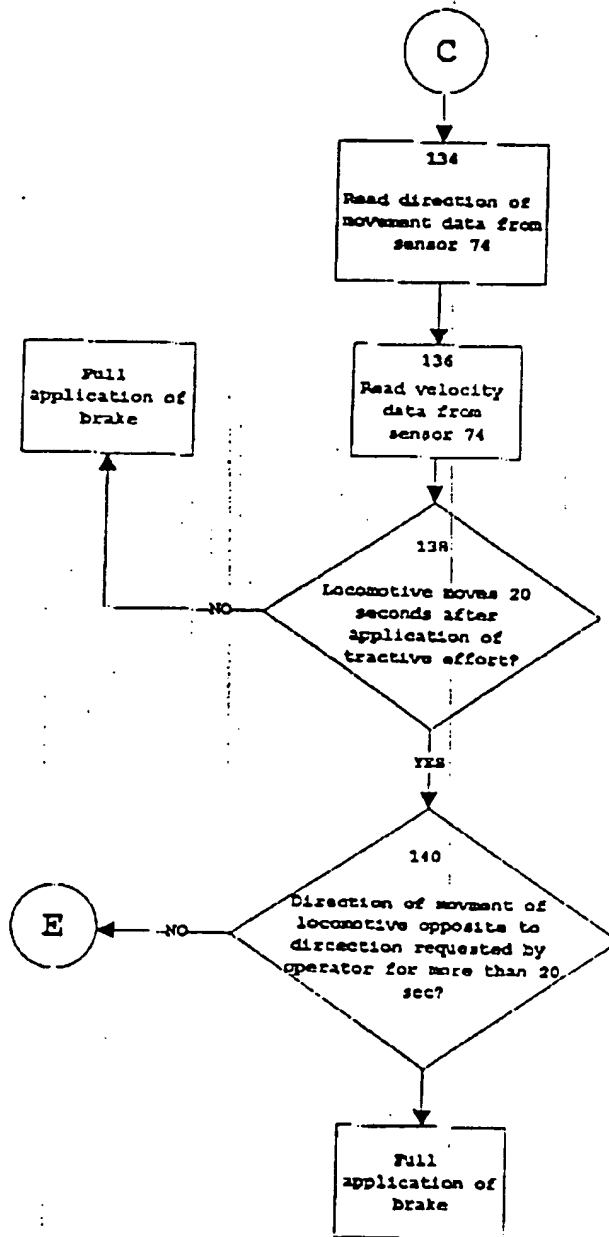


Fig. 14d

LOCOMOTIVE CONTROL SYSTEM

Speed Control Power Response

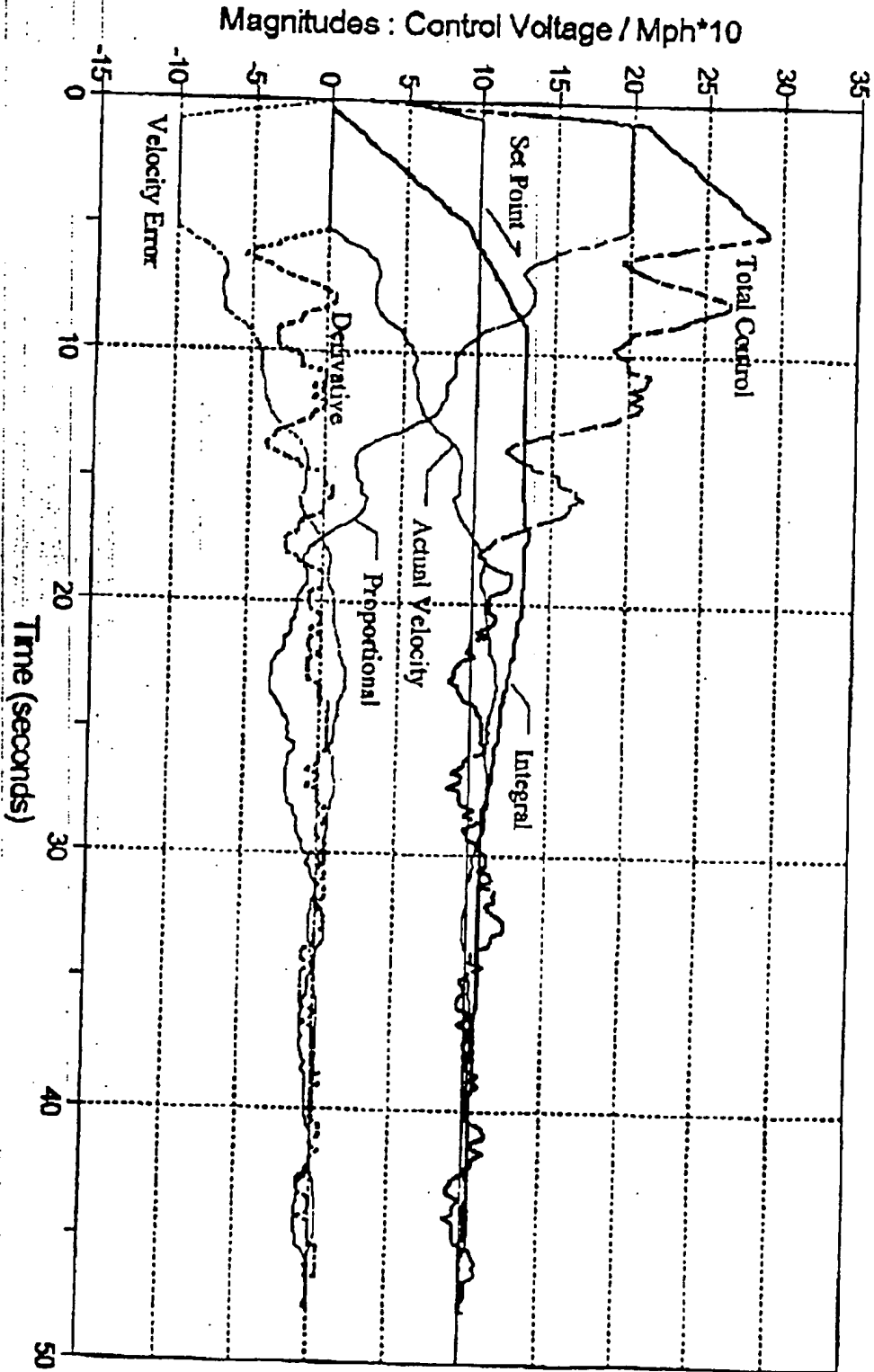


Fig. 15a

LOCOMOTIVE CONTROL SYSTEM

Speed Control Brake Response

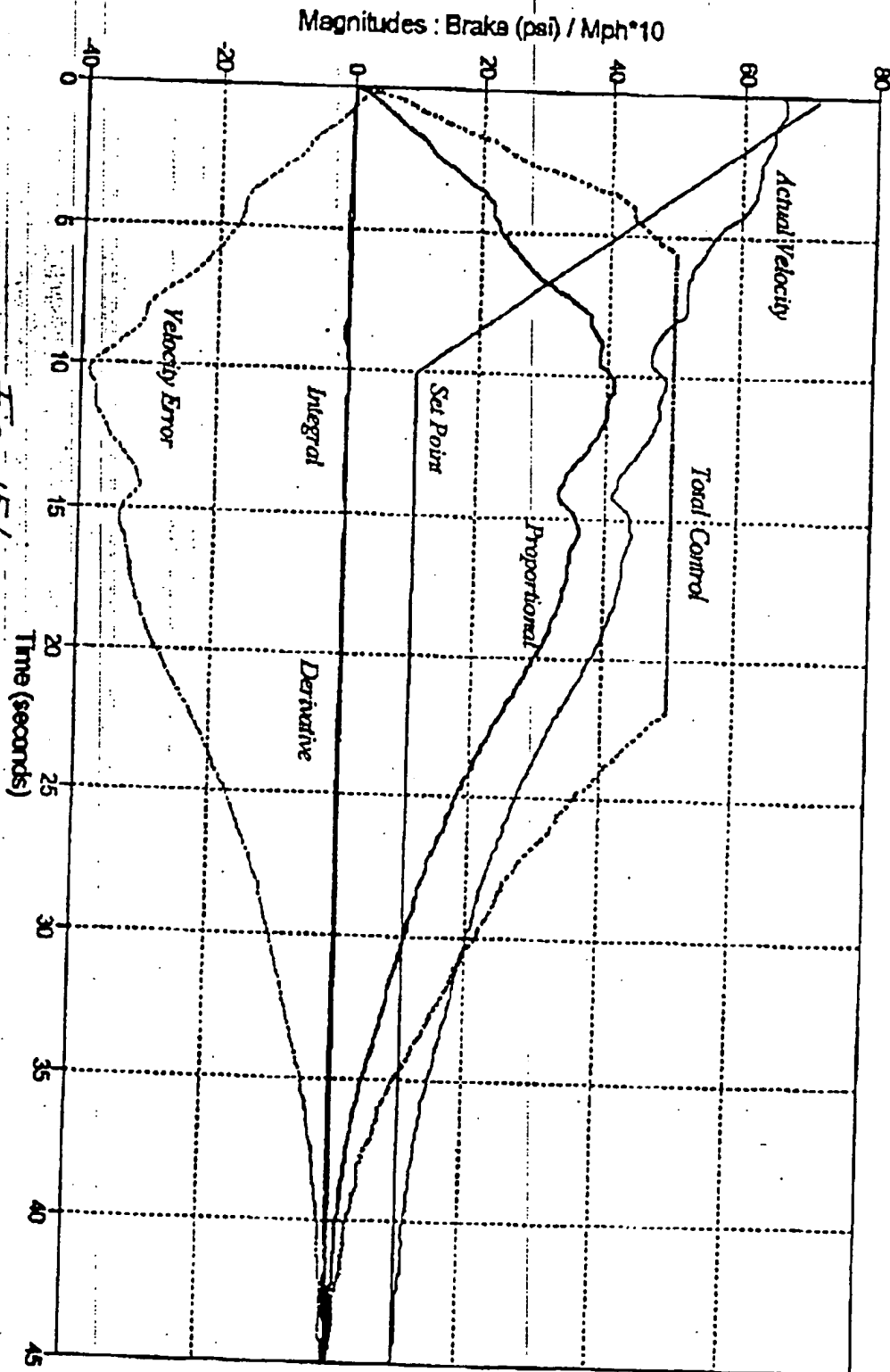


Fig. 156

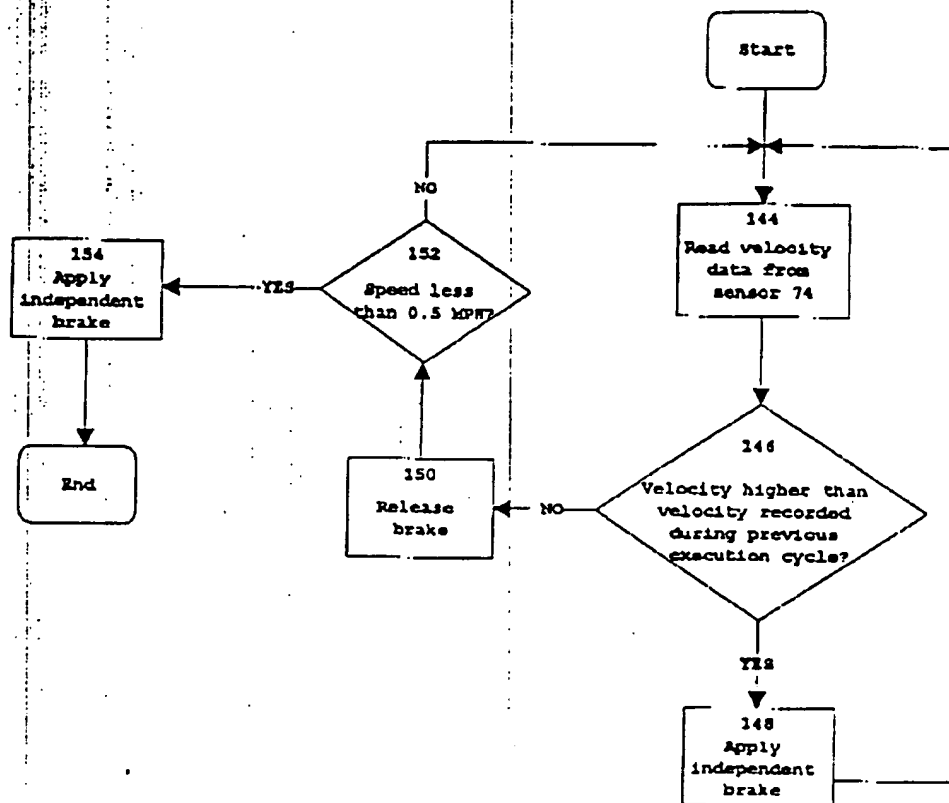


Fig. 16a

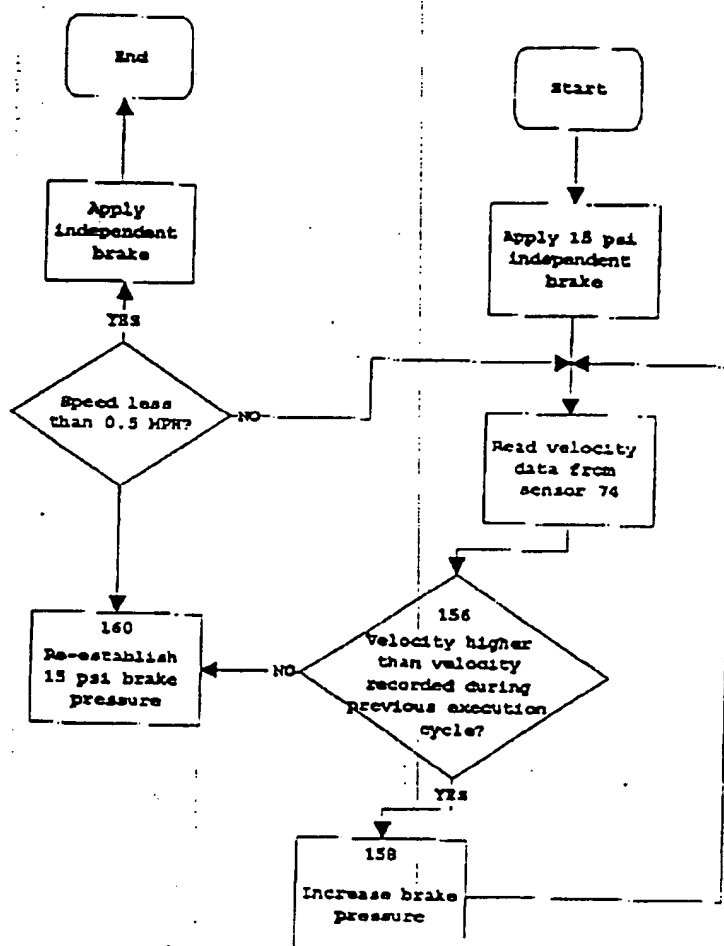
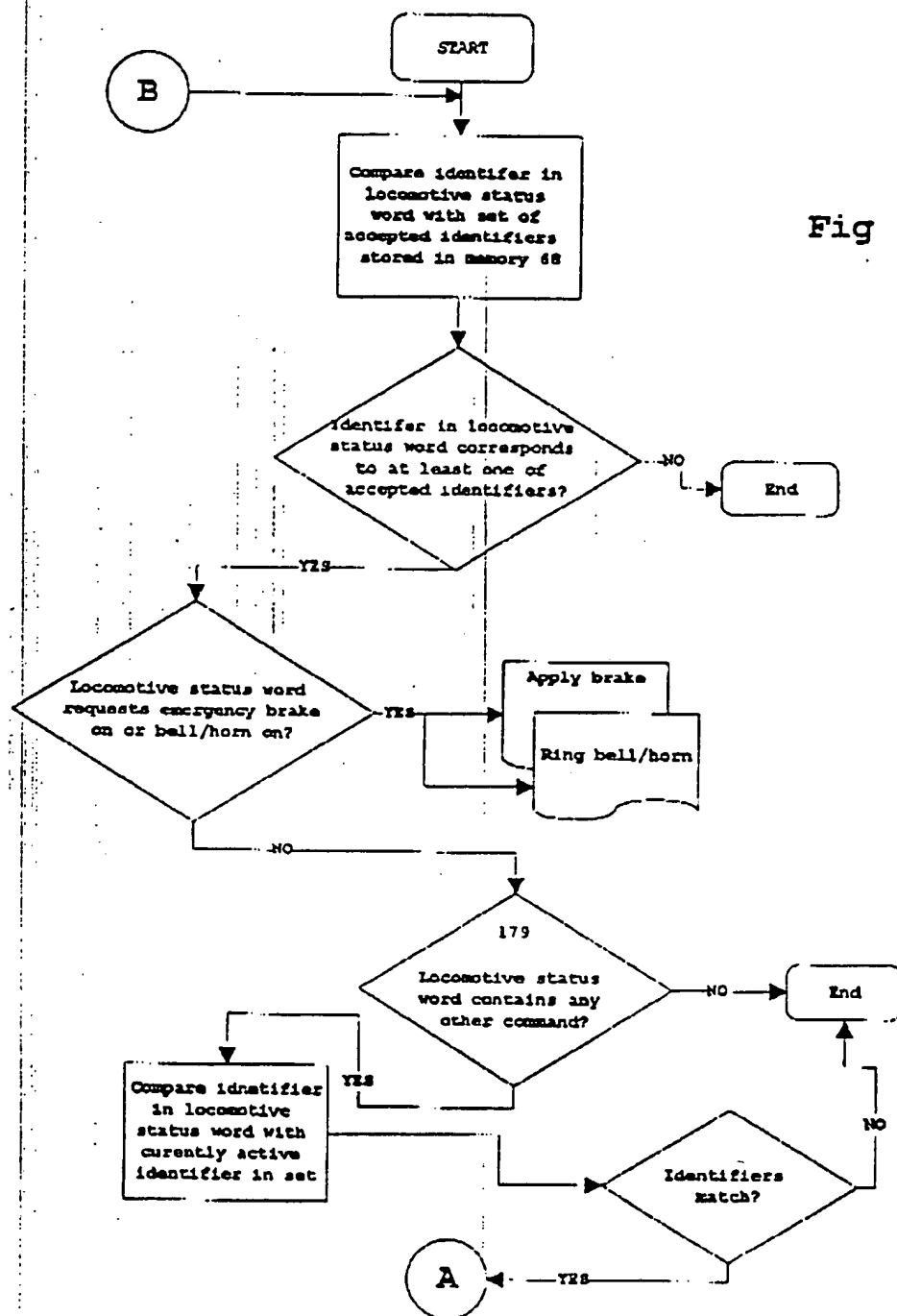


Fig 16b



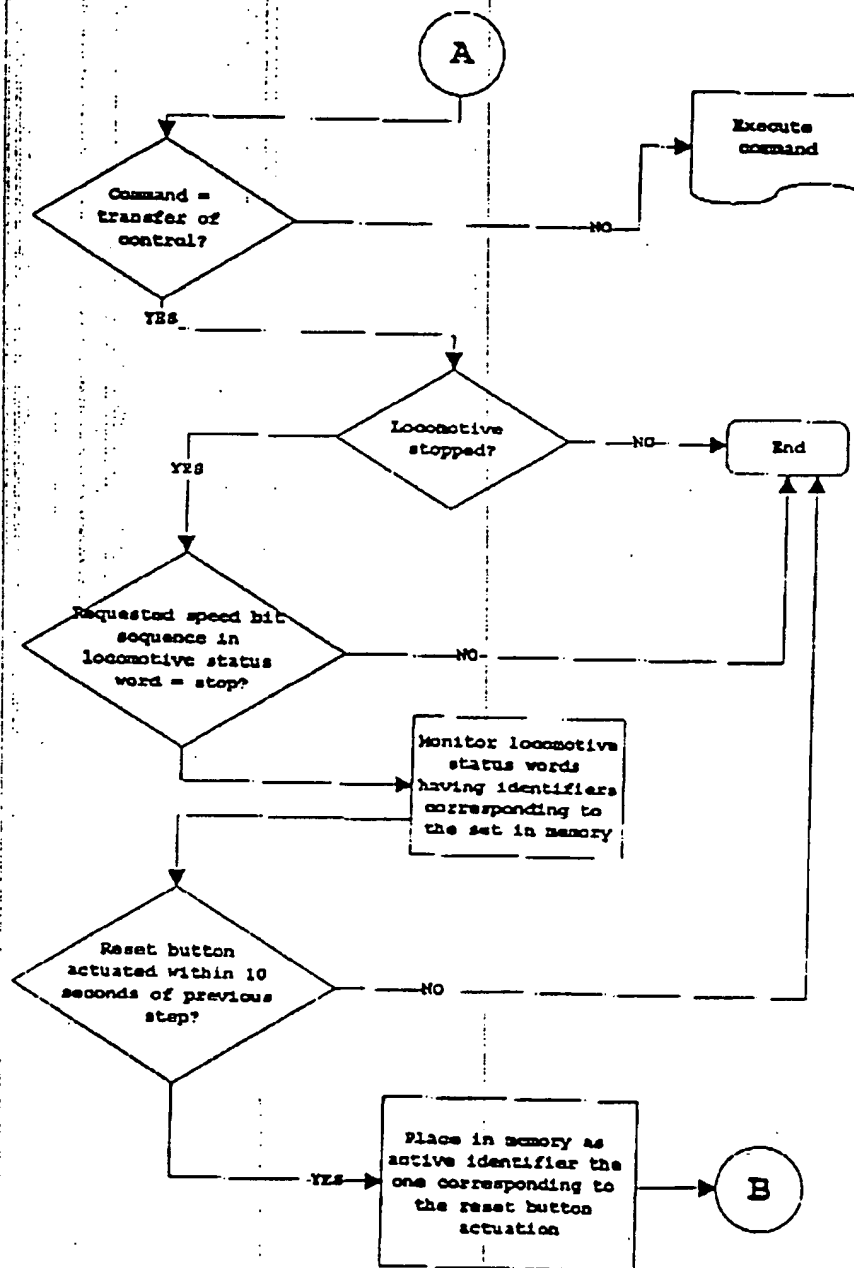


Fig. 17b

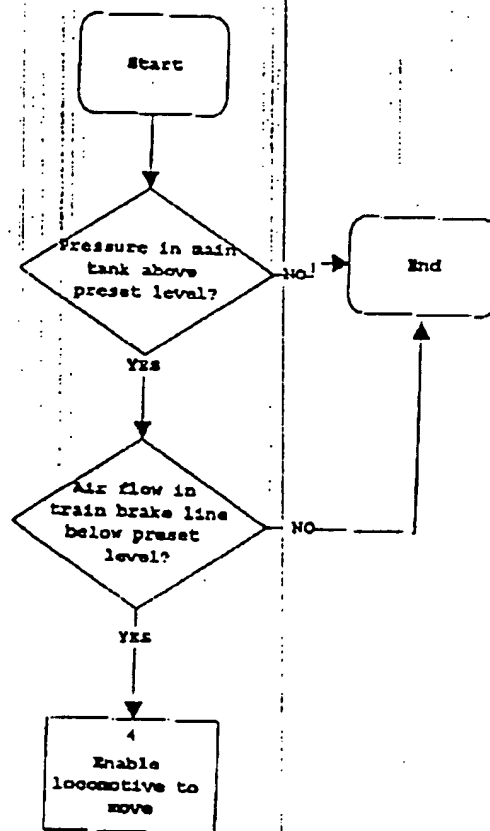


Fig. 18